

Notice of Allowability

Application No.

10/072,428

Examiner

Ashok B. Patel

Applicant(s)

KOLAR ET AL.

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/29/2005.
2. ☒ The allowed claim(s) is/are 1,3,5-14,16-22,24-29 and 31-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

1. Claims 1, 3,5-14,16-22,24-29 and 31--37 are allowed. Claims 4, 15, 23 and 30 are cancelled.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kent J. Sieffert on 02/09/2006.

3. The application has been amended as follows:

In the claims:

- a. Claim 1 (Currently Amended): A method comprising:

receiving, with a text-based interface, configuration input having a first text block defining a data channel and one or more additional text blocks not contained within the first text block that define one or more data sub-channels within a network link, wherein the first text block include references that hierarchically relate the data channel and the data sub-channels, wherein the references are labels that uniquely identify the one or more other non-nested text blocks that are external to the first text block; and

configuring a network device according to the configuration input, wherein the other non-nested text blocks include a second text block, wherein the first text block includes configuration data for the data channel and a

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reference to a first data sub-channel, and wherein the second text block includes configuration data for the first data sub-channel.

b. Claim 13 (Currently Amended): A computer-readable medium having executable instructions for configuring a network device upon receiving configuration input through a text-based, interface, wherein the configuration input [[therein]] comprising a first text block defining a data channel and one or more additional blocks not nested within the first text block that define at least one data sub-channel within a network link, wherein the first text block includes references to the additional text blocks to uniquely identify the additional non-nested text blocks external to the first text block and hierarchically relate the data channel and the sub-channel, wherein the one or more additional text blocks includes a second text block, wherein the first text block includes configuration data for the data channel and a reference to a first data sub-channel, and wherein the second, text block includes configuration data for the first data sub-channel.

c. Claim 17 (Currently Amended); A network device comprising:

a computer-readable medium to store configuration input having a first text block defining a data channel and a set of additional non-nested text blocks external to the first text block defining at least one data sub-channel, wherein the text blocks include references that uniquely identify the set of non-nested text blocks that are external to the first text block and relate the data channel and the sub-channel; and

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a control unit to communicate data over a channelized network link according to the configuration input received by a text-based interface, wherein the configuration input includes a first channel definition block having configuration data for the data channel and a reference to a first sub-channel, and a second channel definition block having configuration data for the first data sub-channel.

d. Claim 27 (Currently Amended): A computer-readable medium having instructions therein for causing a processor within a network device to:

present a text-based interface to receive configuration input having a first text block defining a data channel and a set of additional non-nested text blocks external to the first text block defining one or more data sub-channels within a network link, wherein the text blocks include references that uniquely identify the set of non-nested text blocks that are external to the first text block and hierarchically relate the data channel and the data sub-channels; and

configure the network device according to the configuration input, wherein the set of additional non-nested text blocks include a second text block, wherein the first text block includes configuration data for the data channel and a reference to a first data sub-channel, and, wherein the second text block includes configuration data for the first data sub-channel.

e. Claims 4, 15, 23 and 30 are cancelled.

REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance:

None of the prior arts of record teach or suggest the claimed limitation with respect to configuring a network device according to the configuration input by receiving, with a text-based interface, configuration input having a first text block defining a data channel and one or more additional text blocks not contained within the first text block that define one or more data sub-channels within a network link, wherein the first text block include references that hierarchically relate the data channel and the data sub-channels, wherein the references are labels that uniquely identify the one or more other non-nested text blocks that are external to the first text block; and the other non-nested text blocks include a second text block, wherein the first text block includes configuration data for the data channel and a reference to a first data sub-channel, and wherein the second text block includes configuration data for the first data sub-channel along with the other limitations included in the claim. None of the prior arts of record teach or suggest the claimed limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abp


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